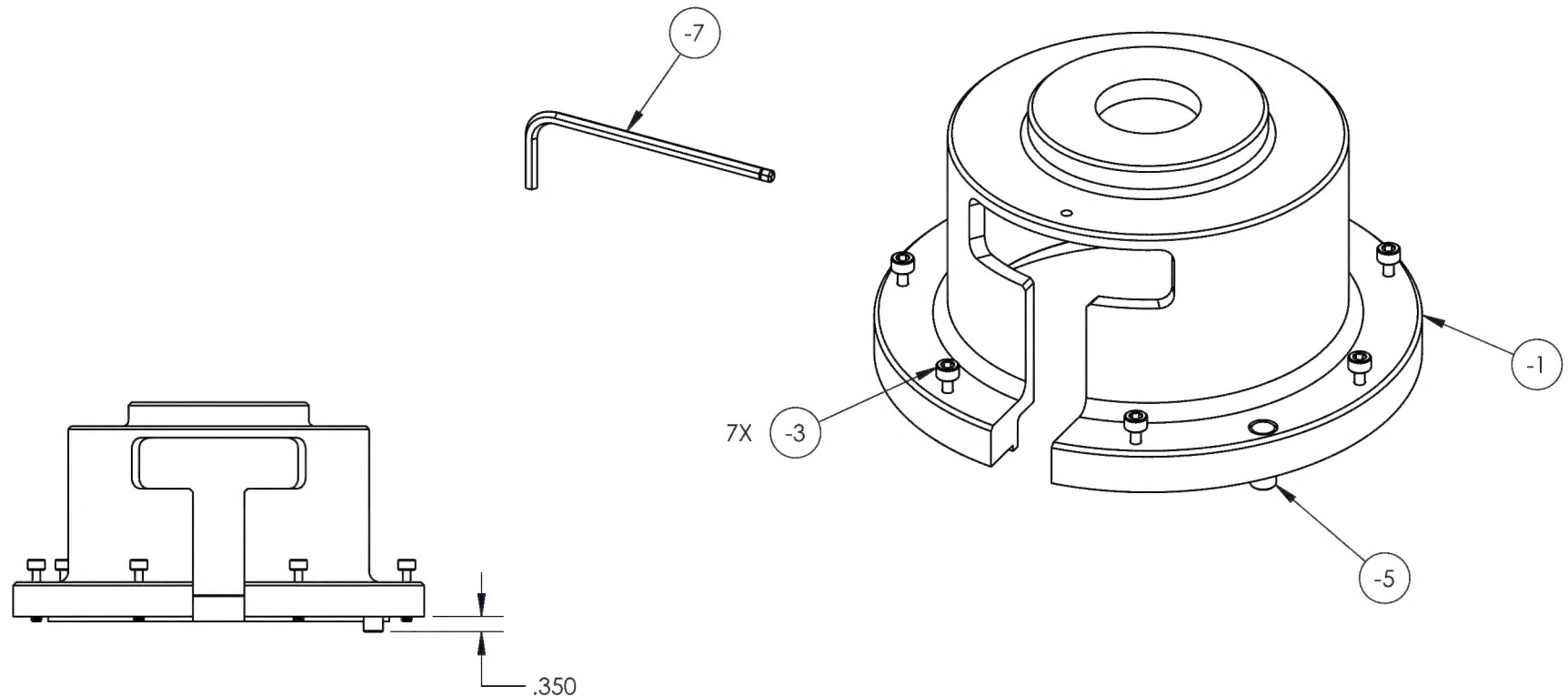


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| REVISIONS |         |  |           |         |          |
|-----------|---------|--|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION  | DATE      | INITIAL | APPROVED |
| 2         | 15-0216 | UPDATED TO NEW DRAFTING STANDARDS. CH'D TITLE WAS SUPPORT IS FIXTURE ASSEMBLY. -3 & -5<br>ADDED FINISH ZINC PLATE. | 8/31/2015 | DPD     | JAG      |



- NOTES:  
 1. USED IN KIT RBEA62315, MAST NUT TORQUE TOOL KIT.  
 2. USED IN KIT RBEA62316, EC135 MAST CHANGE KIT.

|  |  |
|--|--|
| <b>DART<br/>AEROSPACE</b>  |  |
| TITLE<br><b>FIXTURE ASSEMBLY</b>   |  |
| DWG NO.<br><b>RBE1X46-175-575</b>  | REV<br><b>2</b>  |
| MAT'L<br>UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005<br>.XX ± .01<br>.X ± .1<br>FRACTIONS ± 1/8<br>ANGLES ± 5° | DRAWN BY: <b>GILBERT</b><br>APPROVED <i>D Weil</i><br>HEAT TREAT<br>FINISH<br>SPEC |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R<br>2. DIMENSIONAL LIMITS APPLY AFTER PLATING   | USED ON MODEL<br><b>EC135</b>  |
| SCALE <b>1:3</b>   | DATE <b>3/15/2012</b>  |
| SHEET 1 OF 4   |  |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS                | PG. |
|----------|----------|-----|--------|----------|-------------|----------|--|-----|
|          |          |     | -1     | 1        | SUPPORT     | 6061     | Ø9-5/8 X 5-1/8                                   | 2   |
|          |          |     | -3     | 7        | SCREW       | STEEL    | M6x1 X 30 (MCMASTER-CARR #95263A576) MODIFIED    | 3   |
|          |          |     | -5     | 1        | PIN         | STEEL    | Ø1/2 X 1-1/8 (MCMASTER-CARR #98381A713) MODIFIED | 4   |
|          |          | B/O | -7     | 1        | HEX L KEY   | STEEL    | 5mm (MCMASTER-CARR #7813A47)                     | 1   |

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| REVISIONS |     |             |      |         |          |
|-----------|-----|-------------|------|---------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |

Ø.188  $\nabla$  .200  
TOOLING HOLE

3.000

Ø4.130  
Ø1.815

R.13

.425

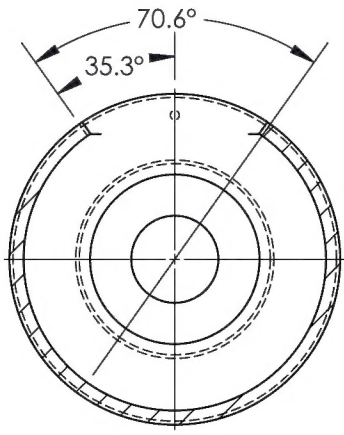
4.210

3X R.13

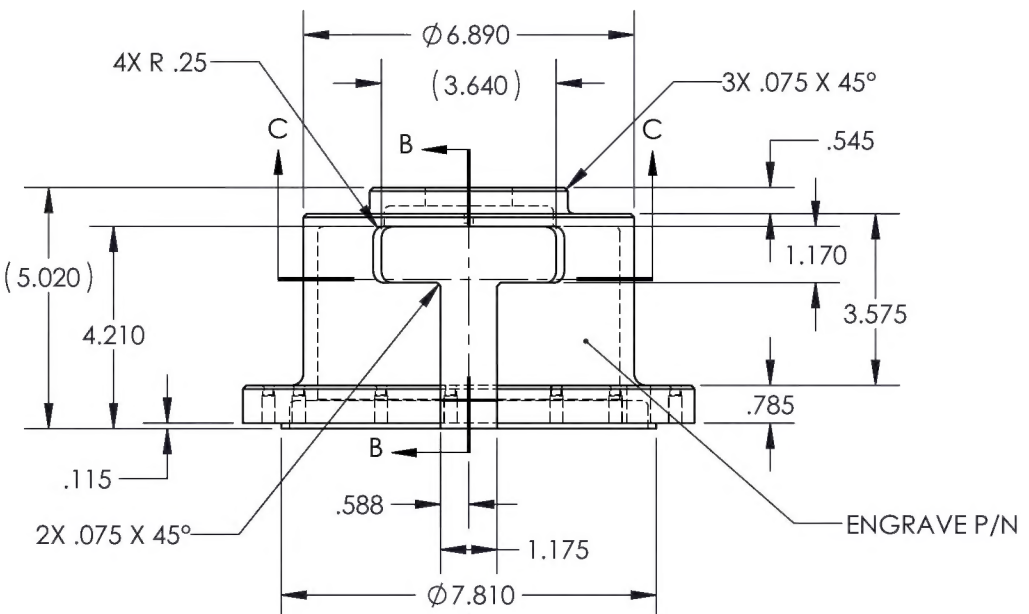
R.25

Ø3.530

SECTION B-B



SECTION C-C



4X R .25

Ø6.890  
(3.640)

3X .075 X 45°

.545

1.170

3.575

.785

ENGRAVE P/N

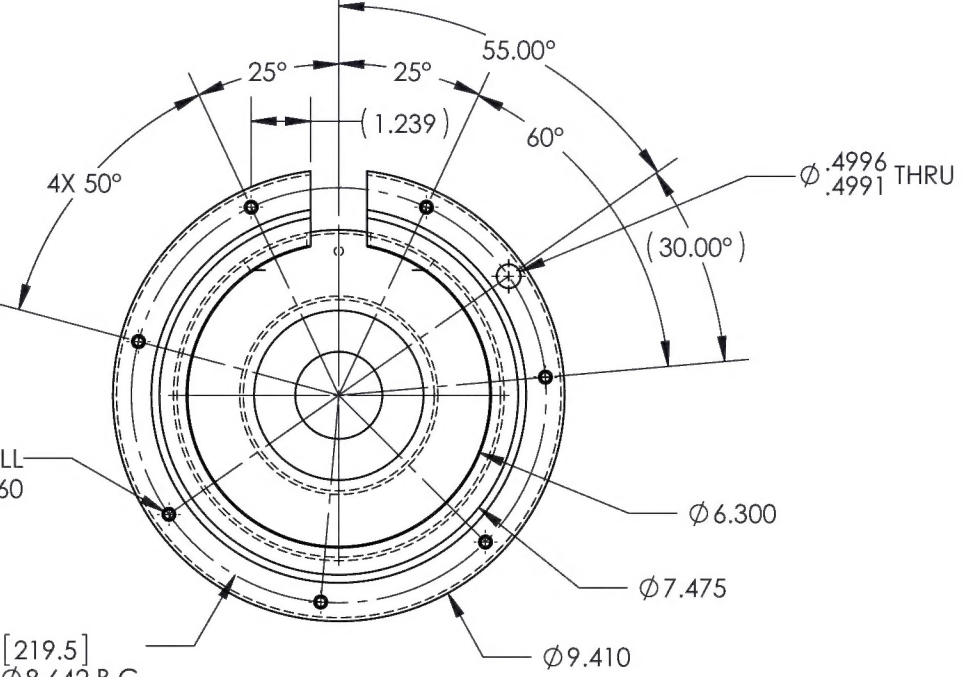
.115

2X .075 X 45°

.588

1.175

Ø7.810

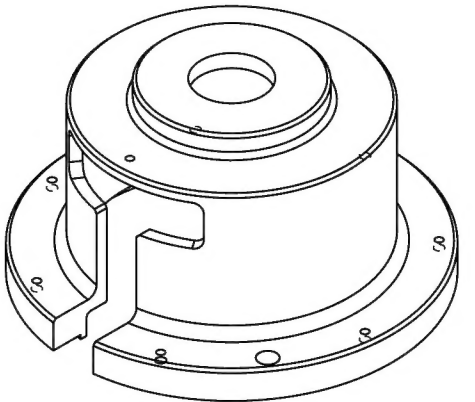


7X M6X1.0 - 6H THRU ALL  
Ø.275  $\nabla$  .560

[219.5]  
Ø8.642 B.C.

(-1)

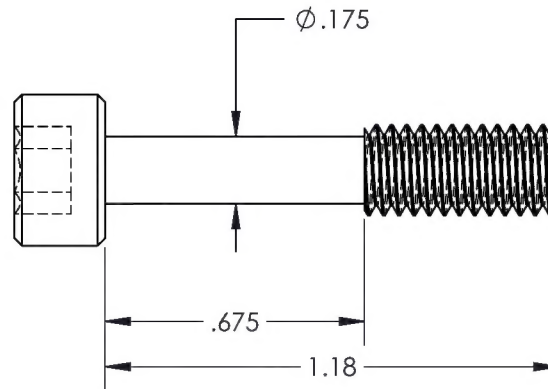
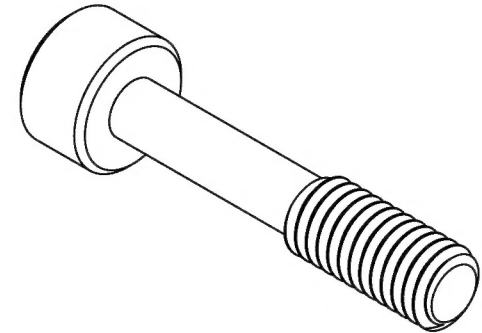
SUPPORT



| DART<br>AEROSPACE                                      |                   |                                   |          |
|--|-------------------|-----------------------------------|----------|
| TITLE<br>FIXTURE ASSEMBLY                              |                   |                                   |          |
| DWG NO.<br>RBE1X46-175-575-1                           |                   |                                   | REV<br>2 |
| MAT'L 6061   |                   | DRAWN BY: GILBERT                 |          |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |                   | APPROVED <i>D Well</i>            |          |
| .XXX $\pm$ .005  |                   | TREAT                             |          |
| .XX $\pm$ .01  |                   | FINISH                            |          |
| .X $\pm$ .1  |                   | CLEAR ANODIZE                     |          |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        |                   | SPEC MIL-A-8625, TYPE II, CLASS I |          |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           |                   | USED ON MODEL<br>EC135            |          |
| SCALE<br>1:4   | DATE<br>3/15/2012 | SHEET 2 OF 4                      |          |

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| REVISIONS |         |                             |           |         |          |
|-----------|---------|-----------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                 | DATE      | INITIAL | APPROVED |
| 2         | 15-0216 | -3 ADDED FINISH ZINC PLATE. | 9/10/2015 | DPD     | JAG      |

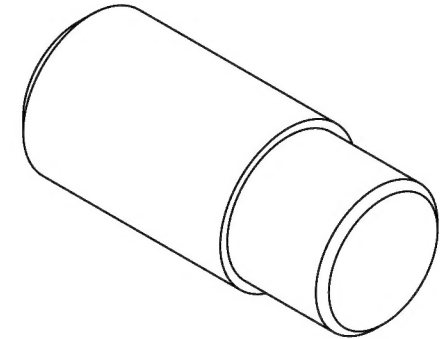
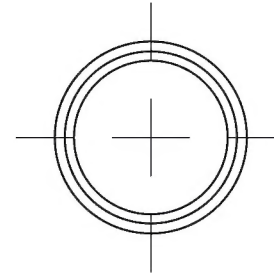
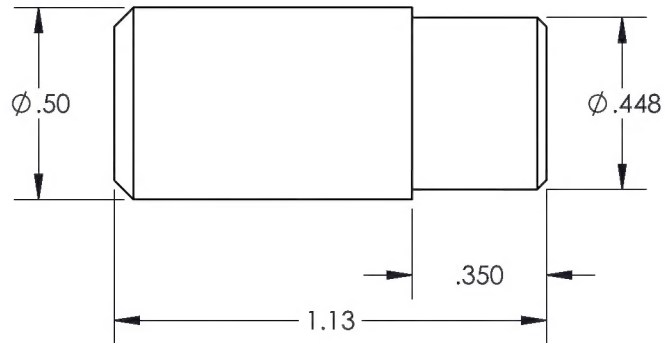


(-3)  
SCREW

|  |                        |
|--|------------------------|
| <b>DART</b><br>AEROSPACE                               |                        |
| TITLE<br>FIXTURE ASSEMBLY                              |                        |
| DWG NO.<br>RBE1X46-175-575-3                           | REV<br>2               |
| MAT'L STEEL  | DRAWN BY: GILBERT      |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005  | HEAT TREAT             |
| .XX ± .01  | FINISH ZINC PLATE      |
| .X ± .1  | ANGLES ± 5°            |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        | SPEC                   |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           | USED ON MODEL<br>EC135 |
| SCALE 2:1  | DATE 3/15/2012         |
| SHEET 3 OF 4   |                        |

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| REVISIONS |         |                            |           |         |          |
|-----------|---------|----------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                | DATE      | INITIAL | APPROVED |
| 2         | 15-0216 | -5 ADDED FINISH ZINC PLATE | 9/10/2015 | DPD     | JAG      |



(-5)  
PIN

|  |                        |
|--|------------------------|
| <b>DART</b><br>AEROSPACE                               |                        |
| TITLE<br><b>FIXTURE ASSEMBLY</b>                       |                        |
| DWG NO.<br><b>RBE1X46-175-575-5</b>                    | REV<br><b>2</b>        |
| MAT'L STEEL  | DRAWN BY: GILBERT      |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005  | HEAT TREAT             |
| .XX ± .01  | FINISH ZINC PLATE      |
| .X ± .1  | SPEC                   |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        | USED ON MODEL          |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           | EC135                  |
| SCALE 2:1  | DATE 3/15/2012         |
| SHEET 4 OF 4   |                        |